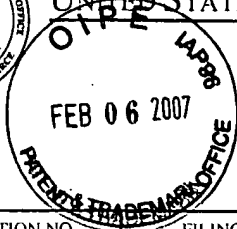




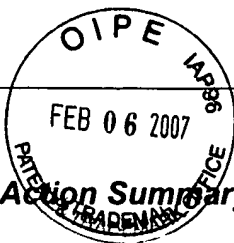
## UNITED STATES PATENT AND TRADEMARK OFFICE



UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/035,311	01/04/2002	Takehisa Kato	P 290460 T2TYA-97S0351-1C	2529
7590 Pillsbury Winthrop LLP Intellectual Property Group 1600 Tysons Boulevard McLean, VA 22102			EXAMINER CALLAHAN, PAUL E	
			ART UNIT 2137	PAPER NUMBER
			MAIL DATE 02/01/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.



# Office Action Summary

<b>Application No.</b> 10/035,311	<b>Applicant(s)</b> KATO ET AL.	
<b>Examiner</b> Paul Callahan	<b>Art Unit</b> 2137	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 03 November 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 29,32-36,38 and 41-47 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 29,34-36,38 and 41-47 is/are allowed.
- 6) ☒ Claim(s) 32 and 33 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 04 January 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                  | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

Art Unit: 2137

**DETAILED ACTION**

1. Claims 29, 32-36, 38, and 41-47 remain pending and have been examined.
2. The indicated allowability of claims 32 and 33 is withdrawn in view of a further consideration of Halter et al., US 5,319,705. Rejections based on the newly cited reference(s) follow.

***Terminal Disclaimer***

3. The terminal disclaimer filed on November 3, 2006 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of US 6,347,145 has been reviewed and is accepted. The terminal disclaimer has been recorded.

***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 32 and 33 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by Halter, US 5,319,705.

As for claim 32, Halter teaches a deciphering method (col. 6 lines 1-25) comprising: recording at least part of a p number of second keys, where p is an integer greater than or equal to two, in a secret area in a deciphering device (col. 6 lines 1-25); inputting first information composed of enciphered data obtained by enciphering data with a first key and second information composed of a p number of enciphered first keys obtained by enciphering said first key with said p number of second keys, respectively (col. 6 lines 1-25, col. 9 line 28 through col. 10 line 16); deciphering at least one said p number of enciphered first keys using the recorded at least part of the p number of second keys to obtain said first key (col. 9 line 28 through col. 10 line 16); confirming by a specific method that the obtained first key is correct (col. 9 lines 40-45); and deciphering said enciphered data using said obtained first key after the confirmation to obtain said data (col. 9 lines 62-67).

As for claim 33, Halter teaches a deciphering method according to claim 32, wherein said data includes at least one of key information, documents, sound, images, and programs (col. 4 lines 23-37: multimedia software distribution).

***Allowable Subject Matter***

6. Claims 29, 34-36, 38, and 41-47 are allowed.

Art Unit: 2137

7. The reasons for the indication of allowable subject matter are the same as set forth in the previous Office Action and therefore will not be repeated herein but instead are incorporated by reference to the previous Office Action.

### **Conclusion**

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Paul E. Callahan whose telephone number is (571) 272-3869. The examiner can normally be reached on M-F from 9 to 5.

If attempts to reach the examiner by telephone are unsuccessful, the Examiner's supervisor, Emmanuel Moise, can be reached on (571) 272-3865. The fax phone number for the organization where this application or proceeding is assigned is: (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

PEC

1-17-07

*Paul Callahan*

*Cynthia Britt*

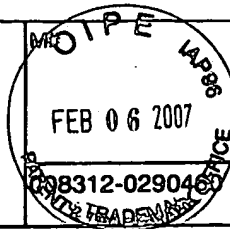
Cynthia Britt  
PRIMARY Examiner  
AU 2138

1-21-07

FORM PTO-1449 (modified)  
To: U.S. Department of Commerce  
(PW FORM PAT-1449)  
Patent and Trademark Office



Atty.  
Dkt. No.



Client Ref.

8312-0290460

T2TYA-97S0351-1CD

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Applicant: KATO, Takehisa et al.

Appln. No.: 10/035,311

Filing Date: January 4, 2002

Examiner: Paul Callahan Group Art Unit: 2137

Date: June 2, 2005

Page 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR					
	BR					
	CR					
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					
	KR					
	LR					
	MR					
	NR					

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
						Enclosed	No	Enclose	No
PC	OR	JP 61-264371	11/1986	Japan	Mori	x			
PC	PR	JP 02-256345	10/1990	Japan	Kato et al.	x			
	QR								
	RR								
	SR								
	TR								
	UR								
	VR								
	WR								
	XR								

**OTHER (including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

PC	YR	Japanese Office Action dated July 11, 2006 for Appln. No. 2004-111524							
	ZR								
	AAR								
	BBR								
	CCR								

Examiner /Paul Callahan/ Date Considered: 01/22/2007

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

AN EQUAL OPPORTUNITY EMPLOYER

OFFICIAL BUSINESS

IF UNDELIVERABLE RETURN IN TEN DAYS

ALEXANDRIA, VA 22313-1450

P.O. BOX 1450

COMMISSIONER FOR PATENTS

U.S. DEPARTMENT OF COMMERCE

PILL600 221023081 1A05 17 02/04/07  
FORWARD TIME EXP. RTN TO SEND  
: FIELSBURY WINTHROP SHAW PITTMAN LLP  
1650 TYSONS BLVD STE 1400  
MC LEAN VA 22102-4864

RETURN TO SENDER

